OUTPUTTED OPTICAL SIGNALS 107 SIGNALS OPTICAL 105 SECOND PHOTO -FIRST PHOTO -OPTIC TRANSDUCER OF A STEADY BIT RATE OF A STEADY BIT RATE RANSDUCER OF A STEADY TRANSDUCER N<sup>th</sup> PHOTO-OPTIC **BIT RATE** 103 ELECTRIC SIGNALS N × N CROSS— CONNECTION SMTCH CONTROLLER 108 ELECTRIC SIGNALS TRANSDUCER OF A STEADY BIT RATE N<sup>th</sup> PHOTO— ELECTRIC TRANSDUCER FIRST PHOTO -ELECTRIC OF A STEADY BIT RATE TRANSDUCER SECOND PHOTO -ELECTRIC **BIT RATE** OPTICAL SIGNALS, PLEXER SIGNALS INPUTTED OPTICAL

[PRIOR ART]

FIG.

